
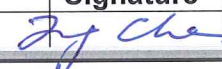
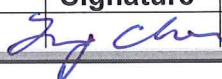
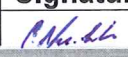


<b>Test No:</b> 11_1	<b>Profile edition No:</b> 2nd	<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
1. ENTSOE_16_BE.zip		ENTSOE_16_BE_EU_eg_Sh_12	
2. ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip		J14h.zipped	
<b>Comments/Results/Issues:</b>			
<p>Changed the Shunt S2 at Bus PPBRU400 from 50 MVar to 25 MVar. Re-run power flow, expected voltage drop at that local bus was observed.</p> <p>List of files in the zipped output file  ENTSOE_16_BE_EU_eg_Sh_12J14h_TP.xml  ENTSOE_16_BE_EU_eg_Sh_12J14h_SV.xml  ENTSOE_16_BE_EU_eg_12J14h_inc_EQ.xml</p>			
<b>Supplementary files:</b>			
<p>eg_test11_solution_screen.doc  With power flow data for Shunt, Bus and Generator before and after change</p> <p>ENTSOE_16_eg_12J16h_CimSpy_Summary.doc  With list of object counts</p>			
<b>Date</b>	<b>Vendor</b>	<b>Signature</b>	<b>Test witness</b>
July 12	<b>Name</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN	Chris Nendick	


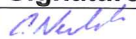
<b>Test No:</b> 12_1	<b>Profile edition No:</b> 2nd	<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>			
<b>Import</b>			<b>Export</b>
1. ENTSO-E_2nd_IOP_July2011\Open Grid Systems\2nd_Profile\Test 11\Run 2\ENTSOE_16_BE_OGS_13J16h_Diff.zip 2. ENTSO-E_2nd_IOP_July2011\Open Grid Systems\2nd_Profile\Test 11\Run 2\ENTSOE_16_BE_OGS_13J16h_Diff_Equipment.xml 3. ENTSOE_16_BE.zip 4. ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip			
<b>Comments/Results/Issues:</b>			
<p>There is a little issue with the original incremental model, which delete Load L1, but still have Name object point to it. Ignore it in software tool and it is OK.</p> <p>"Name:_a73ed7b8a60a4b2ea46318a370b9c7de_BE14 can't find its IdentifiedObject _c1d5c0438f8011e08e4d00247eb1f55e"</p> <p>About the power flow, the Generator and Load MW matches, the bus voltage is within 2% tolerance, the small mismatch could be from the transformer Tap positions, one of which (T1) is not exported in the original SV file.</p>			
<b>Supplementary files:</b>			
eg_test12_solution_screen.doc With power flow data for Bus, Line			
<b>Date</b>	<b>Vendor</b>	<b>Test witness</b>	
July 14	<b>Name</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN	Chris Nendick	
			

<b>Test No:</b> 13_1	<b>Profile edition No:</b> 2nd	<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
1. ENTSOE_16_NL.zip		ENTSOE_16_NL_EU_eg_X3_12	
2. ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip		J17h.zip	
<b>Comments/Results/Issues:</b>			
<p>Changed the Line X3 reactance from 71.00038 ohms to 140.36 ohms, also change the limit 1 at from-side from 1180.9437 to 1200</p> <p>Re-run power flow, expected increase of MVar loss in the line was observed. The rating of the line also increased.</p> <p>List of files in the zipped output file</p> <p>ENTSOE_16_NL_EU_eg_X3_12J17h_TP.xml</p> <p>ENTSOE_16_NL_EU_eg_X3_12J17h_SV.xml</p> <p>ENTSOE_16_NL_EU_eg_inc_12J17h.xml</p>			
<b>Supplementary files:</b>			
<p>eg_test13_solution_screen.doc</p> <p>With power flow data for Bus and Line before and after change</p> <p>ENTSOE_16_eg_12J17h_CimSpy_Summary.doc</p> <p>With list of object counts</p>			
<b>Date</b>	<b>Vendor</b>	<b>Signature</b>	<b>Test witness</b>
July 12	<b>Name</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN	Chris Nendick	

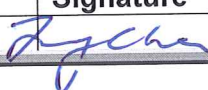
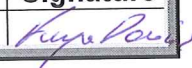
<b>Test No:14_1</b>	<b>Profile edition No: 2nd</b>	<b>Tool: Enterprise Gateway</b>	<b>Score:4</b>
<b>Test files:</b>			
<b>Import</b>			<b>Export</b>
1. ENTSO-E_2nd_IOP_July2011\DMS_Group_EKC\2nd_Profile\Test13.1\Test11.1_2sc_TN_13J16h35.zip 2. ENTSO-E_2nd_IOP_July2011\DMS_Group_EKC\2nd_Profile\Test13.1\ENTSOE_16_BE_OGS_13J16h_Diff_Equipment.xml 3. ENTSOE_16_BE.zip (July 8) 4. ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip			
<b>Comments/Results/Issues:</b>			
<p>Merged the EQ change from both NL and BE on the merged base model. Get full from TP and SV and run power flow.</p> <p>Power flow converged and voltage are matched.          About the power flow, one of which (T1) is not exported in the original SV file.          Load D1 has SvPowerFlow 79.82224 + j93.8443756, But the actual load from the original snapshot is 40+j90, which lead to some difference in branch flow, but is within tolerance.</p>			
<b>Supplementary files:</b>			
eg_test14_solution_screen.doc With power flow data for Bus, Line			
<b>Date</b>	<b>Vendor</b>	<b>Test witness</b>	
July 15	<b>Name</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN	Oana Udrea	<i>Udrea</i>

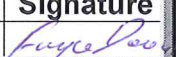
<b>Test No:</b> 15_1	<b>Profile edition No:</b> 2nd		<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>				
<b>Import</b>			<b>Export</b>	
1. ENTSOE_16_BE.zip (July 11 version)				
2. ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip				
<b>Comments/Results/Issues:</b>				
Power flow runs OK and instances are getting in.				
<b>Supplementary files:</b>				
Also check eg_test15_solution_screen.doc for power flow and instance file The detail instance count will be shown in test 16				
<b>Date</b>	<b>Vendor</b>		<b>Test witness</b>	
July 13	<b>Name</b>	<b>Signature</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN		Chris Nendick	

<b>Test No:</b> 16_1	<b>Profile edition No:</b> 2nd	<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
1. ENTSOE_16_BE.zip (July 11 version)		ENTSOE_16_BE_eg_13J11h_D	
2. ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip		Y.zip	
<b>Comments/Results/Issues:</b>			
Instance counts are verified through CimSpy, Validation is OK			
<b>Supplementary files:</b>			
ENTSOE_16_BE_eg_13J11h_CimSpy_Summary.doc to show the instance count and detail for MetaBlockConnection			
<b>Date</b>	<b>Vendor</b>	<b>Test witness</b>	
July 13	<b>Name</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN	Chris Nendick	

<b>Test No:</b> 27_1	<b>Profile edition No:</b> 2nd		<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>				
<b>Import</b>		<b>Export</b>		
1. ge1_operational.zip)		GE_262.zip		
<b>Comments/Results/Issues:</b>				
<p>The operational model is imported and power flow is ran, then exported in Entso-E profiles.          Summary and validation check is OK          The following validation issue are OK          EQ has IEC61970Version          TP 's name length is longer than 2 chanracters.</p>				
<b>Supplementary files:</b>				
<p>GE_262_eg_15J12_CimSpy_Summary.doc show instance summary for EQ and SV          GE_262_eg_15J12_CimSpy_validation.doc show validation summary for EQ and SV</p>				
<b>Date</b>	<b>Vendor</b>		<b>Test witness</b>	
July 15	<b>Name</b>	<b>Signature</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN		Chris Nendick	

<b>Test No:</b> 30_1	<b>Profile edition No:</b> 2nd	<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
1. ENTSOE_16_BE.zip 2. ENTSOE_16_NL.zip 3. ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip		ENTSOE_16_BE_EU_NL_eg_15J13h.zip	
<b>Comments/Results/Issues:</b>			
ENTSOE_16_BE_EU_NL_eg_15J13h.zip contains ENTSOE_16_BE_EU_NL_eg_15J13h_EQ.xml ENTSOE_16_BE_EU_NL_eg_15J13h_TP.xml ENTSOE_16_BE_NL_eg_15J13h_SV.xml  This is verified by Siemens with power flow and topological check as well as header.			
<b>Supplementary files:</b>			
ENTSOE_16_eg_15J13h_CimSpy_Summary.doc With list of object counts for EQ, TP, SV files as well as CimSpy validation results.			
<b>Date</b>	<b>Vendor</b>	<b>Test witness</b>	
July 15	<b>Name</b>	<b>Signature</b>	<b>Name</b>
	Feng CHEN		Dariusz Furga
			<i>[Signature]</i>

Test No:31_1	Profile edition No: 2nd	Tool: Enterprise Gateway	Score:4
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
1. ENTSOE_16_BE.zip 2. ENTSOE_16_BE_TP_headerChange.xml			
<b>Comments/Results/Issues:</b>			
Made some change to the Header such as empty value, non-standard tag, error spelling			
<b>Supplementary files:</b>			
ENTSOE_16_BE_eg_15J10h_error_msg.doc			
<b>Date</b>	<b>Vendor</b>	<b>Test witness</b>	
July 15	<b>Name</b>	<b>Signature</b>	<b>Name</b>
	Feng CHEN		Dariusz Furga
			

<b>Test No:</b> 32_1	<b>Profile edition No:</b> 2nd	<b>Tool:</b> Enterprise Gateway	<b>Score:</b> 4
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
1. ENTSOE_16_NL.zip (July 8) 2. ENTISO- E_2nd_IOP_July2011\Siemens\2nd_Profile\Test32\ ENTSOE_16_NL_DI.xml		ENTSOE_16_NL_eg_15J10h_D L_change.zip	
<b>Comments/Results/Issues:</b>			
Change the Generator G1 location to X=666 and Y=555 The incremental file is also included.			
<b>Supplementary files:</b>			
eg_test32_screen.doc Show the diagram with location and CimSpy results			
<b>Date</b>	<b>Vendor</b>	<b>Signature</b>	<b>Test witness</b>
July 15	<b>Name</b> Feng CHEN	<b>Signature</b>	<b>Name</b> Dariusz Furga
			<b>Signature</b> 

Test No:33_1	Profile edition No: 2nd	Tool: Enterprise Gateway	Score:4
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
1. ENTSOE_16_BE.zip (July 8)		ENTSOE_16_BE_eg_15J10h_GE_change.zip	
<b>Comments/Results/Issues:</b>			
<p>PositionPoint _02603071-a83b-11e0-9def-005056c00008 <b>changed to X=45.0045, Y=5.5440125</b></p> <p>Checked in Internal tool and CimSpy and it matches.</p> <p>The incremental file is also included.</p>			
<b>Supplementary files:</b>			
<p>eg_test33_screen.doc</p> <p>Show the coordinates in tool and CimSpy results</p>			
<b>Date</b>	<b>Vendor</b>	<b>Signature</b>	<b>Test witness</b>
July 15	<b>Name</b>	<b>Name</b>	<b>Signature</b>
	Feng CHEN	Dariusz Furga	